



# FLIR H SERIES

TACTICAL THERMAL NIGHT VISION

## SEE AT NIGHT, STAY SAFE

FLIR H-Series set the industry standard for law enforcement thermal imaging cameras and continues to deliver images and video that torments suspects and keeps officers safe. Being able to see clearly in total darkness enhances mission effectiveness, maximizes operational capabilities, and improves officer safety.

With a variety of lens options and onboard image storage and video capture capabilities, H-Series is a potent thermal imaging package for:

- K-9 operations
- Limited response calls
- Daily patrol
- Reconnaissance & surveillance ops



The World's Sixth Sense™

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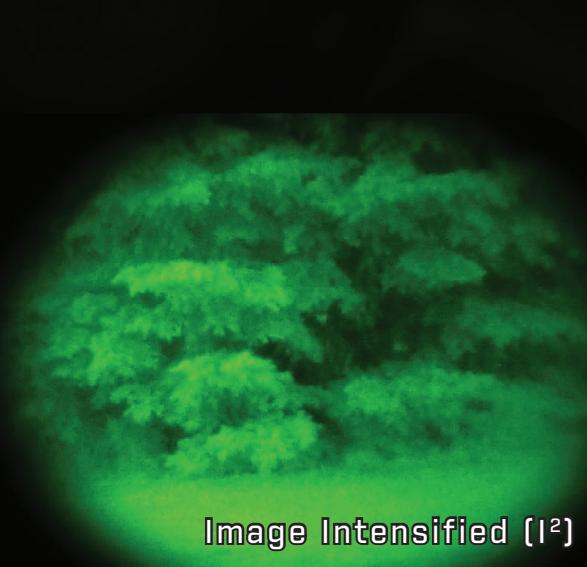


Image Intensified (I<sup>2</sup>)



Infrared Imaging



HS-X 320

HS-X 640

SYSTEM	HS-X 320	HS-X 640
Model	Patrol / Command	
Detector Resolution	320 x 240	640 x 480
Field of View	24° x 18°	7° x 5°
E-Zoom	2X	
Start-up from Standby	<2 seconds	
<b>IMAGE PRESENTATION</b>		
Image Optimization	FLIR proprietary digital detail enhancement	
Refresh Rate	30Hz – 9Hz exportable	
External Video (via RCA jack)	NTSC or PAL composite video	
Polarity	White Hot, Black Hot	
Video/Still Image Storage, SD/SDHC Card-enabled (up to 16Gb)	Command models only	
<b>PHYSICAL</b>		
Weight (w/ battery)	1.45 lb	1.55 lb
Size (LxWxH)	9.38" x 3.33" x 2.82"	10.96" x 3.33" x 2.69"
Warranty	1-year Standard; 3/10-year with Registration <sup>†</sup>	
<b>POWER</b>		
Battery Type	4 Rechargeable AA NiMH batteries (included)	
Battery Life Operating	4-5 Hours Typical (100+ Hours)	
<b>ENVIRONMENTAL</b>		
Ratings	IP-67	
Operational Temp	-4° - 140° (-20°-60°)	

Actual range may vary depending on camera setup, focus adjustment (if available), environmental conditions (i.e., humidity, rain, snow, fog, etc.), user experience, and display method.

<sup>†</sup>Register camera at [FLIR.com/cs/](http://FLIR.com/cs/) warranty to upgrade to a 3-year Parts & Labor, 10-year detector warranty for free.

LENSES	QD35	QD65	QD100	QD35	QD65	QD100
(Purchased Separately)						
Size	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 3.3" Dia - 3.1" Ø	Ht. - 4.6" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø
FOV (320 x 240)	13° x 10°	7° x 5°	5° x 3°	18° x 13°	10° x 8°	6° x 4°
E-Zoom FOV (Resolution):						
2x	6.5° x 5° (160 x 120)	3.5° x 2.5° (160 x 120)	2.5° x 1.5° (160 x 120)	9° x 6.5° (320 x 240)	5° x 4° (320 x 240)	3° x 2° (320 x 240)
4x	N/A	N/A	N/A	4.25° x 3.25° (160 x 120)	2.5° x 2° (160 x 120)	1.5° x 1° (160 x 120)
<b>LENS PACKAGE INCLUDES:</b>	QD35, QD65 or QD100 Lens (as selected at purchase), Lens Cap, Lens Cover, Lens Cloth					
<b>RANGE PERFORMANCE</b>						
Detect Man (1.8 m x 0.5 m)	-850 yds	-1,400 yds	-12 mi	-1,200 yds	-1.1 mi	-1.5 mi
Detect Vehicle (4 m x 1.5 m)	-1.3 mi	-2.4 mi	-3.2 mi	-1.5 mi	-2.9 mi	-3.7 mi

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Note: The thermal images shown are for illustrative purposes only, and may not have been taken by the camera series depicted. Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited.

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